MODIFIED PTO/SB/08a (01-10) Approved for use through 07/31/2012.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

	7 Approved for deed afficularly of 70 fize 12.		
Application Number	10/616,227		
Confirmation Number	2250		
Filing Date	July 10, 2003		
First Named Inventor	Kazuhiko NAGANO		
Art Unit	2828		
Examiner Name	Tod Thomas VAN ROY		
Attorney Docket Number	Q76484		

	U.S. PATENTS								
Examiner Initials*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	1.	5,668,825	Α	1997-09-16	Karpinski				
	2.	6,271,049	B1	2001-08-07	Auracher et al.				
	3.	5,870,133	Α	1999-02-09	Naiki				

	U.S. PATENT APPLICATION PUBLICATIONS						
Examiner Initials*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
	4.	2002-158389	JP	А	2002-05-31	Nippon Teleger & Teleph Corp		English Language Abstract
	5.	2000-091688	JP	А	2000-03-31	Siemens AG		English Language Abstract
	6.	09-295355	JP	А	1997-11-18	Fujikura Ltd.		English Language Abstract
	7.	11-014869	JP	А	1999-01-22	Mitsubishi Electronic Corp		English Language Abstract
	8.	09-178987	JP	Α	1997-07-11	Kiyokuei Kenma Kako KK; Asahi Glass Co. Ltd.		English Language Abstract
	9.	09-015472	JP	А	1997-01-17	Minolta Co. Ltd.		English Language Abstract

NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T⁵		

EXAMINER SIGNATURE					
Examiner Signature		Date Considered			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. 2 Enter office that issued the document, by the two-letter code (WIPO Standard ST.3), 3 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 4 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 5 Applicant is to place a check mark here if English language translation is attached.